

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. P50438D2	SERIAL NO. Not yet assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Blackburn <i>et al.</i>	
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Bajaj et al., "A Monoclonal Antibody to Factor IX That Inhibits the Factor VIII:Ca Potentiation of Factor X Activation", <i>J. Biol. Chem.</i> , Vol. 260, No. 21, pp. 11574-11580 (1985)
AB	Bajaj et al., "Antibody-Probed Conformational Transitions in the Protease Domain of Human Factor IX Upon Calcium Binding and Zymogen Activation: Putative High-Affinity Ca ²⁺ -Binding Site in the Protease Domain", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 152-156 (1992)
AC	Cheung et al., "Localization of a Calcium-Dependent Epitope to the Amino Terminal Region of the GLA Domain of Human Factor IX", <i>Thrombosis Research</i> , Vol. 81, No. 1, pp. 65-73 (1996)
AD	Church et al., "An Inhibitory Monoclonal Antibody to Factor X that Blocks Prothombin Activation but not Prothrombinase Enzyme Assembly", <i>Blood</i> , Vol. 72, No. 6 (December), pp. 1911-1921 (1988)
AE	Donath et al., "Kinetics of Factor VIII Light-Chain Cleavage by Thrombin and Factor Xa", <i>Eur. J. Biochem.</i> , Vol. 240, 365-372 (1996)
AF	Frazier et al., "Mapping of Monoclonal Antibodies to Human Factor IX", <i>Blood</i> , Vol. 74, No. 3, pp. 971-977 (1989)
AG	Fulcher et al., "Localization of Human Factor FVIII Inhibitor Epitopes to Two Polypeptide Fragments", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 82, p. 7728-7732 (1985)
AH	Healey et al., "Residues 484-508 Contain a Major Determinant of the Inhibitory Epitope in the A2 Domain of Human Factor VIII", <i>J. Biol. Chem.</i> , Vol. 270, No. 24, pp. 14505-14509 (1995)
EXAMINER	
DATE CONSIDERED	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AI	Hoffman et al., "Factors IXa and Xa Play Distinct Roles in Tissue Factor-Dependent Initiation of Coagulation", <i>Blood</i> , Vol. 86, No. 5, pp. 1794-1801 (1995)
	AJ	L. Hoyer and D. Scandella, "Factor VIII Inhibitors: Structure and Function in Autoantibody and Hemophilia A Patients", <i>Seminars in Hematology</i> , Vol. 31, No. 2, Suppl. 4, pp. 1-5 (1994)
	AK	Jenny et al., "Immunochemical Techniques for Studying Coagulation Proteins", <i>Methods in Enzymology</i> , Vol. 222, pp. 400-416 (1993)
	AL	Larson et al., "Structural Integrity of the γ -Carboxyglutamic Acid Domain of Human Blood Coagulation Factor IXa is Required for Its Binding to Cofactor VIIIa", <i>J. Biol. Chem.</i> , Vol. 271, No. 7, pp. 3869-3876 (1996)
	AM	Leyte et al., "Inhibition of Human Coagulation Factor VIII by Monoclonal Antibodies", <i>J. Biochem.</i> , Vol. 263, pp. 187-194 (1989)
	AN	Lollar et al., "Inhibition of Human Factor VIII by Anti-A2 Subunit Antibodies", <i>J. Clin. Invest.</i> , Vol. 93, pp. 2497-2504 (1994)
	AO	J. Loscalzo and A. Schafer, "Factor VIII and Other Coagulation Factor Inhibitors", <i>Thrombosis and Hemorrhage</i> , Chapter 37, pp. 729-747 (1994)
	AP	Lubin et al., "Elimination of a Major Inhibitor Epitope in Factor VIII", <i>J. Biol. Chem.</i> , Vol. 269, No. 12, pp. 8639-8641 (1994)
	AQ	Ouelette et al., "Neutralization of Factor X Activity by Factor X-Specific Monoclonal Antibodies", <i>Blood Coagulation and Fibrinolysis</i> , Vol. 3, pp. 563-574 (1992)
	AR	Saenko et al., "Slowed Release of Thrombin-Cleaved Factor VIII from von Willebrand Factor by a Monoclonal and a Human Antibody Is a Novel Mechanism for Factor VIII Inhibition", <i>J. Biol. Chem.</i> , Vol. 271, No. 44, pp. 27424-27431 (1996)
	AS	D. Scandella, "Human Antibodies Which Inactivate Factor VIII: Their Epitope Specificity and Biochemical and Functional Characteristics", <i>International Journal of Pediatric Hematology/Oncology</i> , Vol. 1, pp. 437-447 (1994)
	AT	D. Scandella, "Human Anti-Factor VIII Antibodies: Epitope Localization and Inhibitory Function", <i>Vox Sanguinis</i> , Vol. 70 (suppl 1), pp. 9-14 (1996)
	AU	Sinha et al., "Functional Characterization of Human Blood Coagulation Factor XIa Using Hybridoma Antibodies", <i>J. of Biol. Chem.</i> , Vol. 260, No. 19, pp. 10714-10719 (1985)
	AV	Söhngen et al., "Acquired Factor VIII Inhibitors in Nonhemophilic Patients", <i>Ann Hematol</i> , Vol. 74, pp. 89-93 (1997)
	AW	Sugahara et al., "Isolation and Characterization of Canine Factor IX", <i>Thrombosis and Haemostasis</i> , Vol. 75(3), pp. 450-455 (1996)
	AX	Tiarks et al., "Factor VIII Epitopes Recognized with Inhibitory Monoclonal Antibodies", <i>Acta Haematol</i> , Vol. 83, pp. 69-75 (1990)
	AY	Abstracts, "Thrombosis and Haemostasis", <i>J. International Society on Thrombosis and Haemostasis</i> , Vol. 69(6), p. 1239, Abstract 2485 (1993)

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	BA	5,387,581	2/7/95	Odawara et al.	514	165	

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BB	Bessos et al., "The Characterization of a Panel of Monoclonal Antibodies to Human Coagulation Factor IX", <i>Thrombosis Research</i> , Vol. 40, pp. 863-867 (1985)
	BC	Biemond et al., "Complete Inhibition of Endotoxin-Induced Coagulation Activation in Chimpanzees with a Monoclonal Fab Fragment against Factor VII/VIIa", <i>Thrombosis and Haemostasis</i> , Vol. 73, No. 1, pp. 223-230 (1995)
	BD	F. Desposito and Y. Arkel, "Inhibitors of Coagulation in Children", <i>Critical Reviews in Oncology/Hematology</i> , Vol. 7, No. 1, pp. 53-69 (1987)
	BE	Griffin et al., "The Production and Characterisation of a Panel of Ten Murine Monoclonal Antibodies to Human Procoagulant Factor VIII", <i>Thrombosis and Haemostasis</i> , Vol. 55 (1), pp. 40-46 (1986)
	BF	S. Morrison, "In Vitro Antibodies: Strategies for Production and Application", <i>Annu. Rev. Immunol.</i> Vol. 10, pp. 239-65 (1992)
	BG	Warrier et al., "Safety of High Doses of a Monoclonal Antibody-Purified Factor IX Concentrate", <i>American Journal of Hematology</i> , Vol. 49, pp. 92-94 (1995)
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	CK 0 388 914	9/26/90	EP 0 388 914	C12P	21/08		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Lenting et al., "A Novel Antithrombotic Strategy Based on Inhibitors of Factor VIII-factor IX Complex Assembly", <i>Thrombosis and Hemostasis</i> , June Supplement, p. 689 (1997)
CB	Lenting et al., "The Sequence Glu ¹⁸¹¹ -Lys ¹⁸¹⁸ of Human Blood Coagulation Factor VIII Comprises a Binding Site for Activated Factor IX", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 4, pp. 1935-1940 (1996)
CC	Lenting et al., "Identification of a Binding Site for Blood Coagulation Factor IXa on the Light Chain of Human Factor VIII", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 10, pp. 7150-7155 (1994)
CD	L. Stryer, <i>Biochemistry</i> , W.H. Freeman and Company, San Francisco, 1981, pp. 512-513
CE	Kasai et al., "Molecular Cloning of Murine Monoclonal Anti-idiotypic Fab", <i>Journal of Immunological Methods</i> , Vol. 155, pp. 77-89 (1992)
CF	Fang et al., "Human Rheumatoid Factors with Restrictive Specificity for Rabbit Immunoglobulin G: Auto- and Multi-reactivity, Diverse ... V \Rightarrow IIIb", <i>J. Exp. Med.</i> , Vol. 179, pp. 1445-1456 (1994)
CG	Silberstein et al., "Relationship of Variable Region Genes Expressed by a Human B Cell ... Autoantibodies", <i>J. Exp. Med.</i> , Vol. 169, pp. 1631-1643, (1989)
CH	Pascual, et al., "The Complete Nucleotide Sequences of the Heavy Chain Regions Rheumatoid Arthritis", <i>J. Clin. Invest.</i> , Vol. 86, pp. 1320-1328 (1990)
CI	Roark, et al., "Breakdown of B Cell Tolerance in a Mouse Model of Systemic Lupus Erythematosus", <i>J. Exp. Med.</i> , Vol. 181, pp. 1157-1167 (1995)
CJ	S. Stark and A. Caton, "Antibodies that Are Specific for a Single Amino Acid Interchange in a Protein Epitope Use Structurally Distinct Variable Regions", <i>J. Exp. Med.</i> , Vol. 174, pp. 613-624 (1991)

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BE	Griffin et al., "The Production and Characterisation of a Panel of Ten Murine Monoclonal Antibodies to Human Procoagulant Factor VIII", <i>Thrombosis and Haemostasis</i> , Vol. 55 (1), pp. 40-46 (1986)
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BG	Warrier et al., "Safety of High Doses of a Monoclonal Antibody-Purified Factor IX Concentrate", <i>American Journal of Hematology</i> , Vol. 49, pp. 92-94 (1995)
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